PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

ORMATION DISCLOSURE **ATEMENT BY APPLICANT**

DESubstitute for form 1449A/PTO

Complete if Known Application Number 10/632,761 Filing Date August 1, 2003 First Named Inventor Karl Francis Horlander Art Unit 2611 Examiner Name RCA89567 Div2

(Use as many sheets as necessary)

Sheet of 3 Attorney Docket Number

U.S. PATENT DOCUMENTS Name of Patentee or Applicant of Cited Document Document Number Pages, Columns, Lines, Where Relevant Passages or Relevant Examiner Cite **Publication Date** Initials 1 MM-DD-YYYY Number - Kind Code² (if known) Figures Appear ρ_{MN} US-5583562 12-10-1996 Birch et al. US-5182771 1-26-1993 Munich et al. US-,5757909 5-26-1998 Park US- 5862299 1-19-1999 Lee et al. US-6104860 8-15-2000 Lee et al. US-5590202 12-31-1996 Bestler et al. US-6351538 2-26-2002 Úz US-6381747 4-30-2002 Wonfor et al. US- 5799081 8-25-1998 Kim et al. US- 6437830 8-20-2002 Horlander US-6141488 10-31-2000 Knudson et al. US- 5680457 10-21-1997 Bestler et al. US-5991500 11-23-1999 Kanota et al. US-6104423 8-15-2000 Elam US- 5493339 2-20-1996 Birch et al. US- 6157377 12-5-2000 Shah-Nazaroff et al. US-6069647 5-30-2000 Sullivan et al. US- 6154206 11-18-2000 Ludtke US- 5715403 2-03-1998 Stefik US- 6275988 8-14-01 Nagashima et al.

	FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite	Foreign Patent Document		Name of Patentee or	Pages, Columns, Lines,			
	No. 1 Country Code ³ - Number ⁴ - Kind Code ⁵ (if known) Date MM-DD-YYYY		Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	T ⁶			
PMN		0614308A1	7/9/04	EPO				
		WO 00/31964	6/2/00	PCT				
		11252498	17/9/99	Pat. Abstracts - Japan				
		3806413A1	7/9/89	Germany				
		0785686A2	23/7/97	EPO	· · · · · · · · · · · · · · · · · · ·			
V		0766471A1	2/4/97	EPO				
	L				.\			

Examiner Signature		Date Considered	3-4-06	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. *Applicant's unique citation designation number (optional). *See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. *Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). *For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. *Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible. *Applicant is to place a check mark here if English language

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. APR 2 7 2005

PTO/SB/08a (08-03)
Approved for use through 07/31/2006, OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE of the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1949A/PTO 1845

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	2	of	3

Complete If Known				
Application Number	10/632,761			
Filing Date	August 1, 2003			
First Named Inventor .	Karl Francis Horlander			
Art Unit	2611			
Examiner Name				
Attorney Docket Number	RCA 89567 Div 2			

			U.S. PATENT	DOCUMENTS	
Examiner Initials	Cite No. ¹	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
PMN		US-5907 <u>656</u>	5-25-1999	Oguro	
		US- 4983967 ·	1-08-1991	McKenzie	
		US- 5796828	8-18-1998	Tsukamoto et al.	
		US- 6243530	6-05-2001	Kato	
		US- 6272283	8-7-2001	Nguyen	
		US- 5745643	4-28-98	Mishina	
V		US- 6301430	10-9-2001	Oguro et al.	
		US-			
		US-			
_		US-			
	·	US-			
		US-	-		
		US-			
		US-			

	FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
	No.1	Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				T⁵		
• • • • • • • • • • • • • • • • • • • •	_							

Examiner Signature	5 Not	Date Considered	3-4-06

*EXAMINER: Initial Treference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

Trainstation is attached.
This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Substitute for

PTO/SB/08b(08-03) Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

fuction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Attorney Docket Number

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known Application Number 10/632,761 Filing Date August 1, 2003 First Named Inventor Karl Francis Horlander Art Unit 2611 Examiner Name

RCA 89567 Div2

(Use as many sheets as necessary) of 3 Sheet

NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of T ² Cite Examiner the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue Nó. Initials * number(s), publisher, city and/or country where published. Broadcast PC Reference Design Exploroer New Applications Horizons Electron Design Nov. 2, 1998 TIK-111,550 Seminar on Multimedia, 1998 Autumn, Peng Chengyuan 92777A Integrated Receiver Decoder (IRD), pages 1-29 1198 IBM Integrating the MPEG-2 Subsystem for Digital Television, R.E. Anderson, et al. pages 1-13 IEEE Sample Articles, S.A. Booth, DTV in the USA, IEEE Spectrum March 1999, Vol. 36, No. 3, pages 1-6 Miralite Communications - Magnitude MPEG 2 Compressed Digital Video System, The Standard of Excellence in Digital Television, pages 1 and 2, Technical White Paper

Examiner Signature	N	\sim	Date Considered	3-4-06

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance

and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional).

Applicant's unique citation designation number (optional).

Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.